

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 31 (original): A fluorescent film formed as a silicone elastomer in which luminescent particles are embedded, wherein the film is produced by the following steps:

- (a) mixing a hydroxyl polydiorganosiloxane with an organohydrogen siloxane,
- (b) adding luminescent particles, and
- (c) generating a chemical reaction by means of a platinum catalyst at room temperature.

Claim 32 (original): A fluorescent film according to claim 31, wherein the hydroxyl polydiorganosiloxane comprises various polymers with a minimum viscosity of 1000 centipoise at 25°C.

Claim 33 (original): A fluorescent film according to claim 32, wherein the hydroxyl polydiorganosiloxane is formed as at least one of hydroxyl polydimethylsiloxane, its copolymers, phenylmethylsiloxane and polymethyl-3,3,3-trifluoropropylsiloxane.

Claim 34 (original): A fluorescent film according to claim 32 wherein the organohydrogen siloxane is formed as silicone with at least two silicon-bonded hydrogen atoms per molecule.

Claim 35 (original): A fluorescent film according to claim 34 wherein the organohydrogen siloxane comprises one of homopolymers, copolymers, and mixtures thereof.

Claim 36 (original): A fluorescent film according to claim 31 wherein the platinum catalyst comprises one of a platinum chloride, platinum salts, and chloroplatinic acid.

Claim 37 (original): A fluorescent film according to claim 36 wherein the chloroplatinic acid is in the form of one of a hexahydrate and anhydrous chloroplatinic acid.

Claim 38 (original): A fluorescent film according to claim 31 wherein the fluorescent film has a thickness between 10 and 800 μm .

Claim 39 (original): A fluorescent film as in claim 31 wherein the luminescent particles have a surface density which is between 1 and 20 mg/cm^2 .

Claim 40 (original): A fluorescent film according to claim 31 wherein the luminescent particles have a grain size which is between 5 and 15 μm .

Claim 41 (original): An irradiation arrangement comprising
a low-pressure discharge lamp with an enveloping body which is transparent to
UVC, and electrodes which can be contacted from the outside projecting into the enveloping
body, and

a fluorescent film formed as a silicone elastomer in which luminescent particles
are embedded, wherein the film is produced by the following steps:

- (a) mixing a hydroxyl polydiorganosiloxane with an organohydrogen
siloxane,
- (b) adding luminescent particles, and
- (c) generating a chemical reaction by means of a platinum catalyst at room
temperature.

Claim 42 (original): An irradiation arrangement according to claim 41, wherein
the fluorescent film is applied to an outer surface of the enveloping body.

Claim 43 (original): An irradiation arrangement according to claim 42 wherein
fluorescent films with different doping are applied to the enveloping body.

Claim 44 (original): An irradiation arrangement according to claim 41 further
comprising a displacement body arranged in the enveloping body, so that channels are formed
between the enveloping body and displacement body.

Claim 45 (original): An irradiation arrangement according to claim 44, wherein the displacement body is constructed as a closed hollow body.

Claim 46 (original): An irradiation arrangement according to claim 44 further comprising a reflector layer applied to an outer surface of the displacement body.

Claim 47 (original): An irradiation arrangement according to claim 44 wherein the displacement body comprises a material that is transparent to radiation emitted by the discharge lamp.

Claims 48 and 49 (cancelled)

Claim 50 (original): An irradiation arrangement according to claim 41 wherein the fluorescent film is fitted to the enveloping body in the form of an interchangeable frame.

Claim 51 (currently amended): An irradiation arrangement according to claim [50, wherein the interchangeable frame comprises] 41, further comprising a dispensing roller and a take-up roller on which the fluorescent film is wound up, whereby films with different doping can be fitted to the enveloping body.

Claim 52 (cancelled)

Claim 53 (original): A method for producing a fluorescent film formed as a silicone elastomer in which luminescent particles are embedded, comprising the following steps:

- (a) mixing a hydroxyl polydiorganosiloxane with an organohydrogen siloxane,
- (b) adding luminescent particles, and
- (c) generating a chemical reaction by means of a platinum catalyst at room temperature.

Claim 54 (currently amended): A method for producing a fluorescent film according to claim 33, ~~wherein~~ wherein the hydroxyl polydiorganosiloxane comprises various polymers with a minimum viscosity of 1000 centipoise at 25°C.

Claim 55 (original): A method for producing a fluorescent film according to claim 54, wherein the hydroxyl polydiorganosiloxane is formed as at least one of hydroxyl polydimethylsiloxane, its copolymers, phenylmethylsiloxane, and polymethyl-3,3,3-trifluoropropylsiloxane.

Claim 56 (original): A method for producing a fluorescent film according to claim 53 wherein the organohydrogen siloxane is formed as silicone with at least two silicon-bonded hydrogen atoms per molecule.

Claim 57 (original): A method for producing a fluorescent film according to claim 56 wherein the organohydrogen siloxane comprises one of homopolymers, copolymers, and mixtures thereof.

Claim 58 (original): A method for producing a fluorescent film according to claim 53 wherein the platinum catalyst comprises one of a platinum chloride, platinum salts, and chloroplatinic acid.

Claim 59 (original): A method for producing a fluorescent film according to claim 58, wherein the chloroplatinic acid is in the form one of a hexahydrate and anhydrous chloroplatinic acid.

Claim 60 (new): A method of treating a patient with UV radiation, the method comprising

providing a fluorescent film formed as a silicone elastomer in which luminescent particles are embedded,

wrapping the fluorescent film in the manner of a bandage around a body part of a patient,

providing a low-pressure discharge lamp with an enveloping body which is transparent to UVC, and electrodes which can be contacted from the outside projecting into the enveloping body, and

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exposing the fluorescent film wrapped around the body part to radiation from the
discharge lamp.